

For a Private Aviation Marketplace

Enabled **Real-Time** Charter Booking and Payments

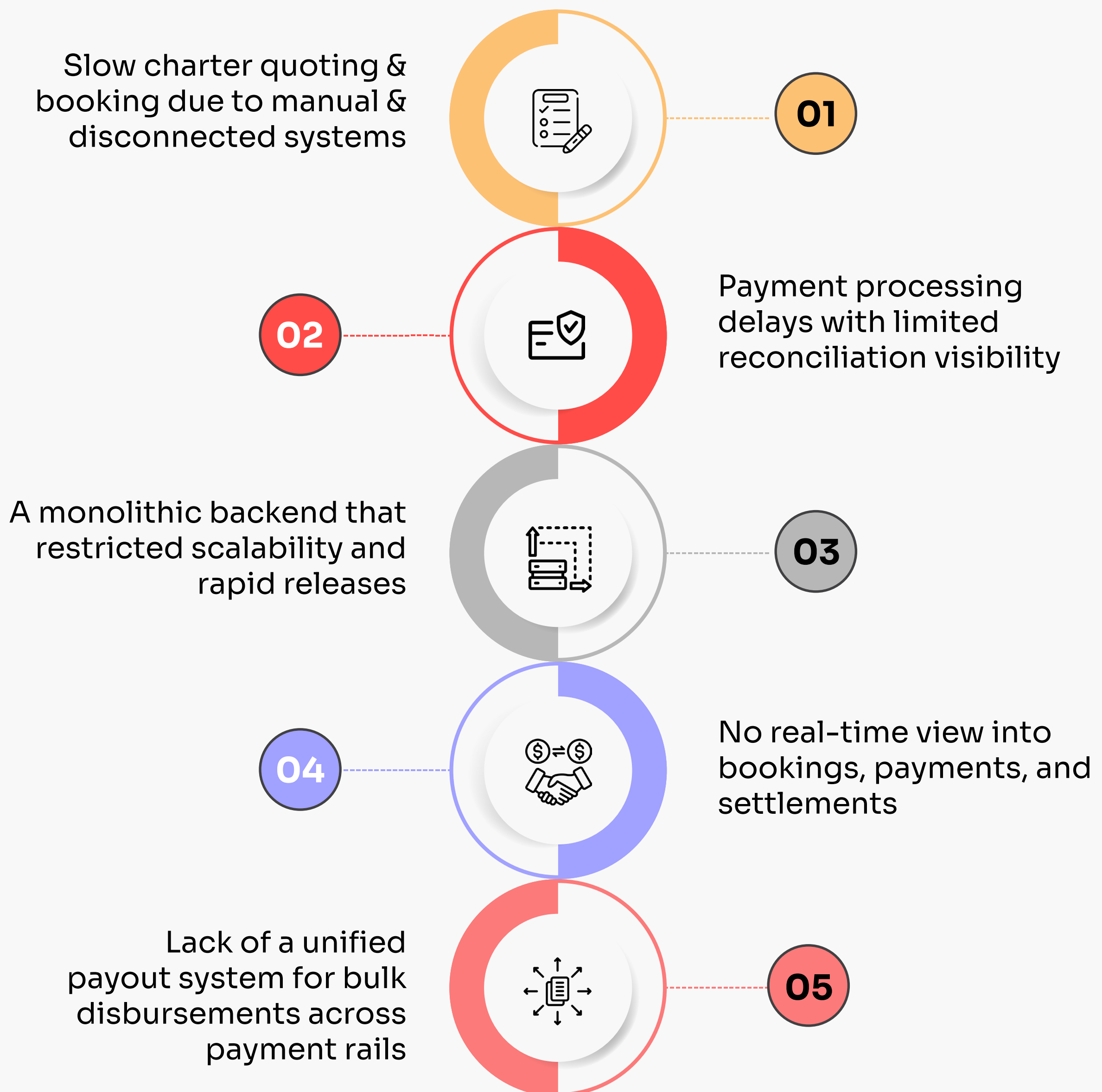
Unlocked speed, scale, and payment
reliability for a fast growing private
aviation marketplace

Ccube re-engineered the platform end-to-end transforming it into a cloud-native, real-time charter marketplace built for speed, reliability, and high-volume transactions.



Problem Statement

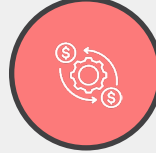
Operational bottlenecks and legacy technology were impacting both revenue and customer experience:



Solution

- Re-architected the platform using microservices.
- Built a real-time quoting engine integrating pricing, routing, and aircraft availability
- Developed an embedded payments system supporting cards (Visa rails, MC Send), ACH, and wires
- Introduced CI/CD pipelines, infrastructure as code, & proactive monitoring
- Migrated infrastructure to AWS with containerized, auto-scaling services
- Implemented seamless, end-to-end booking workflows
- Delivered a unified payout system enabling bulk disbursements via Venmo, PayPal, cards, & ACH
- Automated payment matching and reconciliation

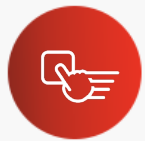
Tools & Capabilities

-  Real-time pricing, routing, & availability engines
-  Multi-rail payout orchestration
-  Secure booking and CRM integrations
-  Cloud-native infrastructure with CI/CD automation
-  Embedded payments & automated reconciliation

Impact



Charter quotes generated in **seconds instead of hours**



Improved booking conversion **rates by 15%.**



Near **real-time** payment settlement and reconciliation



99.9% platform uptime with elastic scalability



Faster feature releases with fewer **production issues**



Increased operational efficiency and customer satisfaction

Business Outcome

By modernizing its charter booking and payment infrastructure, the platform evolved into a **scalable, high-performance aviation marketplace.**

The transformation enabled **faster transactions**, stronger financial control, and the operational agility required to compete in **high-velocity private aviation markets.**



Want to build something similar?

Book a call

to see how Ccube can modernise your aviation platform.

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